

AN 120:20066 HCA
TI Manufacture of high purity single crystal copper
ingots
IN Sugiura, Tooru
PA Dowa Mining Co, Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05078195	A2	19930330	JP 1991-268192	19910919
AB	The title process comprises vertical fixation of a graphite mold, which has an inverse conical bottom, in a graphite crucible keeping a space between the mold and the crucible for retention of a Cu melt, placement of the Cu material .gtoreq.99.999% in purity and .ltoreq.1 ppm in total S-Ag content in the mold and another Cu material in the space, upward movement of an induction coil at 0.1-20 mm/min while heating the mold.				